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10/082,744	02/21/2002	Anthony Edward Martinez	AUS920020005US	5308

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Robert H. Frantz  
P.O. Box 23324  
Oklahoma City, OK 73123

EXAMINER

MIZAN, SHAHIN

ART UNIT	PAPER NUMBER
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2132

DATE MAILED: 08/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/082,744

Applicant(s)

MARTINEZ ET AL.

Examiner

Shahin Mizan

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. Claims 1-19 have been examined.

#### ***Information Disclosure Statement***

2. The information disclosure statement filed on February 21, 2002 lists inaccurate and/or uncorrelated information in the U.S. Patent Documents section, therefore the patents listed in this section are not considered; however, the non-patent literature has been considered by the examiner in this case.

#### ***Specification***

3. The disclosure is objected to because of the following informalities:
  - a. Page 1, paragraph [0005]/line 5: "user having a many different" should be changed to "user having many different"
  - b. Page 1, paragraph [0010]/line 4: "auto-completed" should be changed to "auto-complete"
  - c. Page 2, paragraph [0021]/line 10: "host application, form or web site" should be changed to "host application, form, or web site"
  - d. Page 2, paragraph [0023]/line 10: "application programs, web sites and forms" should be changed to "application programs, web sites, and forms"
  - e. Page 2, paragraph [0026]/line 1: "a" should be unbolded
  - f. Page 3, paragraph [0039]/line 3: "finctionality" should be changed to "functionality"

- g. Paragraphs [0050] [0063] [0067] and [0068]: “preferably” should be changed to “preferably”
- h. Page 5, paragraph [0072]/line 7: “authorized user” should be changed to “unauthorized user”

Appropriate corrections are required.

### ***Claim Objections***

- 2. Claims 1, 7, and 13 are objected to because of the following informalities:
  - a. Claim 1: “determining said master key value” should be changed to “determining if said master key value”
  - b. Claim 7: “determining said master key value” should be changed to “determining if said master key value”
  - c. Claim 13: “determining if an master key value” should be changed to “determining if a master key value”

Appropriate corrections are required.

### ***Claim Rejections - 35 USC § 102***

- 3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Nielsen (US Patent # 6,182,229).

As for independent claim 1, Nielsen teaches a method (*note column 6, lines 59-63; also note FIG. 3, FIG 1A, and Abstract*) within a computing platform of graphically providing a secure field value retrieval and entry, wherein said computing platform includes a display device, a field activation device and a user selection device, said method comprising:

displaying a user dialogue to receive a master key value from a user responsive to activation of a field (*note column 4, lines 32-37 - the user is prompted for a master password; also note column 7, line 26 and line 36; also note column 4, lines 40-41*);

receiving a computing context indicator regarding the context of said activated field (*note column 6, line 23 - master password is entered*);

determining said master key value is a correct master key value (*note column 4, lines 34-37 - master password stored in memory for later use; also note column 4, line 65 - user is prompted for master key and then verified by system against the stored value; also note column 7, line 43 - the master password is retrieved implying correctness of the password; and FIG. 3*);

retrieving a field value from a secure field value store which is associated with said computing context, said activated field and a user identification (*note column 4, lines 59-61- authentication information is retrieved and sent to the requesting server; also note column 7, lines 29-31 - stored password retrieved and provided to remote server; also note FIG. 2*); and

automatically entering said retrieved field value into said activated field (*note column 4, lines 5-8 - the invention automatically provides the authentication information to the remote server; also note column 7, lines 32-34; also note FIG. 2 and FIG. 3*).

As for claim 2, which is dependent on claim 1, Nielsen teaches the method as set forth in claim 1 wherein said step of displaying a user dialogue comprises receiving a user identification value (*note column 5, lines 46-49 - user ID and other information inputted in the dialog box; also note column 4, line 53-58 - user identification provided by the password management system*).

As for claim 3, which is dependent on claim 1, Nielsen teaches the method as set forth in claim 1 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with an application program (*note column 3, lines 60-61 - the invention could be incorporated into a browser program; also note column 6, lines 47-53 - the invention applies to many different embodiments*).

As for claim 4, which is dependent on claim 1, Nielsen teaches the method as set forth in claim 1 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web site (*note column 3, lines 52-54 - the invention is applicable to a plurality of remote servers such as remote web sites; also note FIG. 1B and FIG. 2*).

As for claim 5, which is dependent on claim 1, Nielsen teaches The method as set forth in claim 1 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web form (*note column 3, line 55 - an applet may contain a web form; also note column 6, lines 47-53 - the invention applies to many different embodiments; also note column 5, line 2 - registration equates to a web form*).

As for claim 6, which is dependent on claim 1, Nielsen teaches The method as set forth in claim 1 wherein said step of automatically entering said retrieved field value into said activated field comprises automatically entering a password value (*note column 4, lines 3-8 - the password is automatically entered in the password field and sent to the remote site*).

As for independent claim 7, Nielsen teaches a computer readable medium (*note FIG. 1A - readable media identified; also note column 8, line 28 - software on readable medium is described*) encoded with software (*note column 3, lines 54-61 - implementation software is described*) for graphically providing a secure field value retrieval and entry, wherein said computing platform includes a display device, a field activation device and a user selection device, said software causing the computing platform to perform the steps of:

displaying a user dialogue to receive a master key value from a user responsive to activation of a field (*note column 8, line 63 - software on a computer readable media is claimed; also note column 4, lines 32-37 - the user is prompted for a master password; also note column 7, line 26 and line 36; also note column 4, lines 40-41*);

receiving a computing context indicator regarding the context of said activated field (*note column 8, lines 39-41 - software on a computer readable media performing this function is claimed; also note column 6, line 23 - master password is entered*);

determining said master key value is a correct master key value (*note column 8, line 36 - software for verification of master key is described; also note column 4, lines 34-37 - master password stored in memory for later use; also note column 4, line 65 - user is prompted for master key and then verified by system against the stored value; also note column 7, line 43 - the master password is retrieved implying correctness of the password; and FIG. 3*);

retrieving a field value from a secure field value store which is associated with said computing context, said activated field and a user identification (*note column 8, lines 48-51 - retrieving of user ID and password is claimed; also note column 4, lines 59-61- authentication information is retrieved and sent to the requesting server; also note column 7, lines 29-31- stored password retrieved and provided to remote server; also note FIG. 2); and*

automatically entering said retrieved field value into said activated field (*note column 8, lines 42-47 - automation process described; also note column 4, lines 5-8 – the invention automatically provides the authentication information to the remote server; also note column 7, lines 32-34; also note FIG. 2 and FIG. 3).*

As for claim 8, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for displaying a user dialogue comprises software for receiving a user identification value (*note column 3, line 55 - applet software described; also note column 8, lines 23-24 - software for inputting user ID is described; also note column 5, lines 46-49 - user ID and other information inputted in the dialog box; also note column 4, lines 53-58 - user identification provided by the password management system ).*

As for claim 9, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for retrieving a field value from a secure field value store which correlates to a computing context comprises software for retrieving a field value which is associated with an application program (*note column 3, lines 60-61 - the invention may be incorporated into a browser program; also note column 6, lines 47-53 - the invention applies to many different embodiments).*

As for claim 10, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for retrieving a field value



from a secure field value store which correlates to a computing context comprises software for retrieving a field value which is associated with a web site (*note column 3, line 58 - HotJava software described; also note column 3, lines 52-54 - the invention is applicable to a plurality of remote servers such as remote web sites; also note FIG. 1B and FIG. 2).*

As for claim 11, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for retrieving a field value from a secure field value store which correlates to a computing context comprises software for retrieving a field value which is associated with a web form (*note column 3, line 55 - an applet may contain a web form; also note column 6, lines 47-53 - the invention applies to many different embodiments; also note column 5, line 2 - registration equates to a web form).*

As for claim 12, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for automatically entering said retrieved field value into said activated field comprises software for automatically entering a password value (*note column 3, line 55 - applet software is capable of the functionality; also note column 4, lines 3-8 - the password is automatically entered in the password field and sent to the remote site).*

As for independent claim 13, Nielsen teaches a system (*note column 6, line 70 - computer system is describe*) for graphically providing a secure field value storage, retrieval and entry within a computing platform, wherein said computing platform includes a display device, a field activation device, a user selection device and a data storage medium, said system comprising:

a secure field value store disposed within said data storage medium (*note column 8, lines 25-27; also note column 4, line 1 - a database of passwords and user IDs are described*);

a user dialogue display on said display device adapted to receive a master key value from a user responsive to activation of a field on said display device (*note column 8, line 9 - master key value is received; also note column 4, lines 32-37; also note column 4, lines 40-41; and note FIG. 1A*);

a computing context indicator regarding the context of said activated field (*note column 8, line 15; also note column 6, line 23 - master password is entered*);

a master key value evaluator for determining if an master key value entered via said user dialogue display is a correct master key value for said secure field value store (*note column 8, line 36; also note column 4, lines 34-37 - master password stored in memory for later use; also note column 4, line 65 - user is prompted for master key and then verified by system against the stored value; also note column 7, line 43 – the master password is retrieved implying correctness of the password; and FIG. 3*);

a field value retriever for finding in and retrieving from said secure field value store a field value which is associated with said computing context, said activated field and a user identification (*note column 8, lines 23-24; also note column 4, lines 59-61- authentication information is retrieved and sent to the requesting server; also note column 7, lines 29-31 – stored password retrieved and provided to remote server; also note FIG. 2*); and

a field value inputter for automatically entering said retrieved field value into said activated field (*note column 8, lines 17-18; also note column 4, lines 5-8 – the invention automatically provides the authentication information to the remote server; also note column 7, lines 32-34; also note FIG. 2 and FIG. 3*).

As for claim 14, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said user dialogue display is further adapted to receive a

user identification value, and wherein said field value retriever is further adapted to find and retrieve a field value which is associated with a user identification value (*note column 8, lines 10-18; also note column 3, line 55 - applet software described; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 4, line 50 - authentication request is received; also note column 4, lines 53-58 - user identification provided by the password management system*).

As for claim 15, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of retrieving a password from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with an application program (*note column 3, line 61 - software incorporated in a browser program; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 3, lines 60-61 - the invention may be incorporated into a browser program; also note column 6, lines 47-53 - the invention applies to many different embodiments; and note FIG. 2*).

As for claim 16, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web site (*note column 3, line 58 - HotJava software described; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 3, lines 52-54 - the invention is applicable to a plurality of remote servers such as remote web sites; also note FIG. 1B and FIG. 2*).

As for claim 17, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value

which is associated with a web form (*note column 3, line 58 - Java enhanced browser implements the feature; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 6, lines 47-53 - the invention applies to many different embodiments; also note column 5, line 2 - registration equates to a web form*).

As for claim 18, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of automatically entering said retrieved field value into said activated field comprises automatically entering a password value (*note column 8, lines 15-18; also note column 3, line 55 - applet software is capable of the functionality; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 4, lines 3-8 - the password is automatically entered in the password field and sent to the remote site*).

As for claim 19, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 where said field value store is a database (*note column 8, lines 3-4 - database is claimed; also note column 4, lines 1-2 - invention maintains a database of passwords and user IDs as they are known to the remote sites*).

### **Conclusion**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Nielsen (US Patent No. 6,006,333) teaches a password helper using a client-side master password that automatically presents the appropriate server-side password to a particular remote server.

Sidles (US Pub. No. 2002/0062342) teaches a method for completing forms on wide area networks such as the Internet.

Liu (US Patent No. 6,484,263) teaches a security profile for web browsers.

Dent (US Pub. No. 2002/0066039) teaches anti-spoofing password protection.

Kelley et al. (US Patent No. 6,000,033) teaches password control via the web.

Light et al. (US Patent # 6,192,380) teaches automatic web based form fill-in.

### ***Inquiries***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shahin Mizan whose telephone number is 571-272-0687. The examiner can normally be reached on M-F 8 a.m. - 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shahin Mizan  
Examiner  
Art Unit 2132  
*SM*